

FIG 1

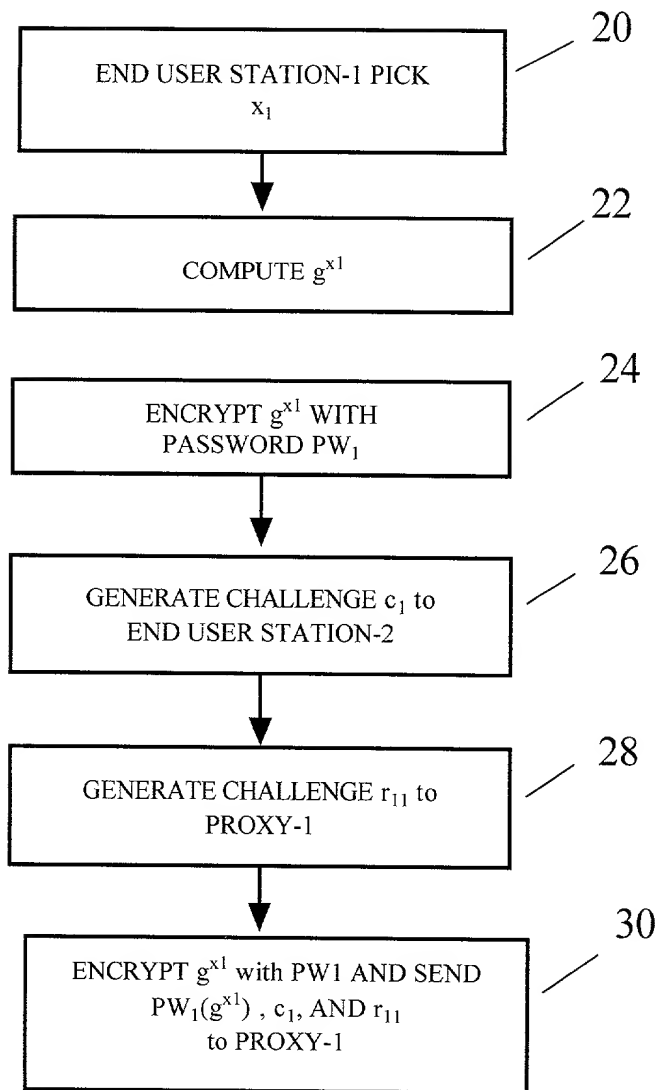


FIG 2

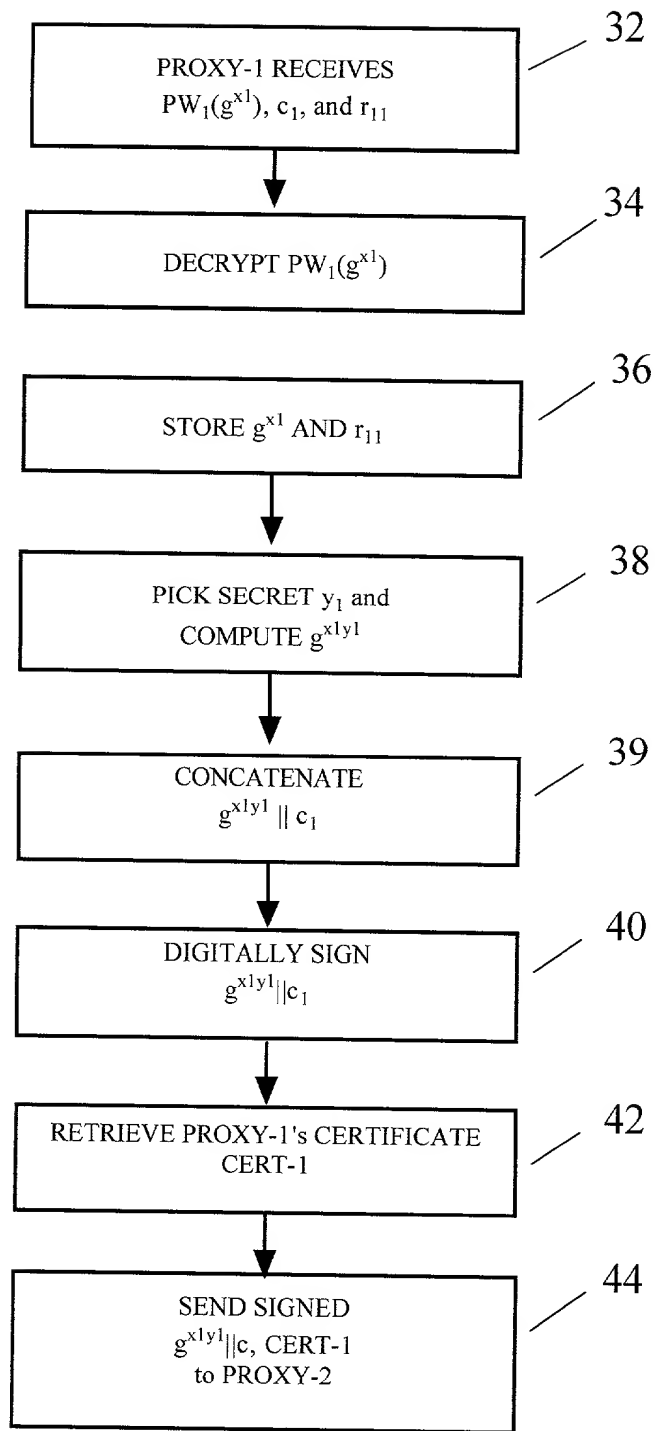


FIG 3

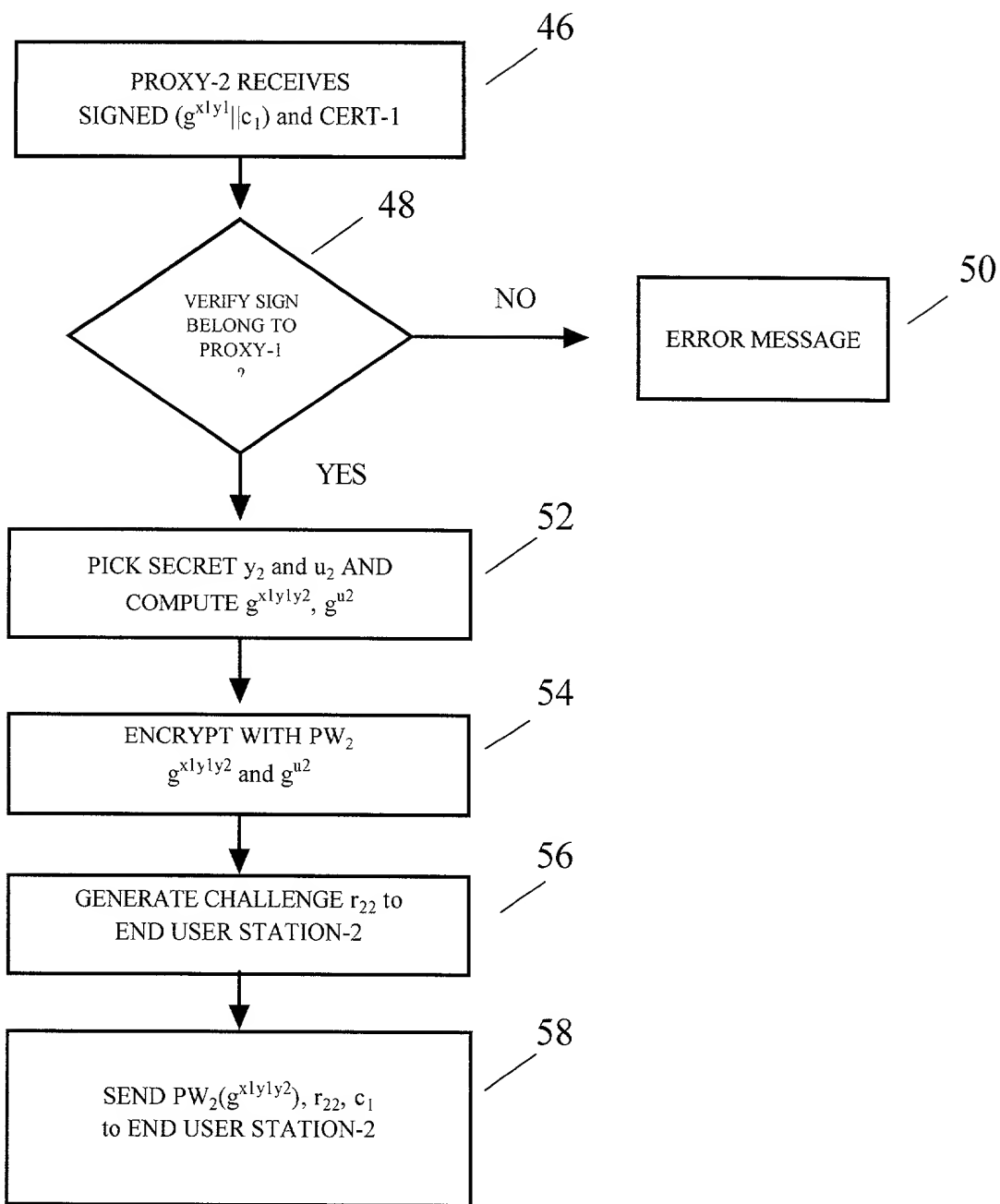


FIG 4

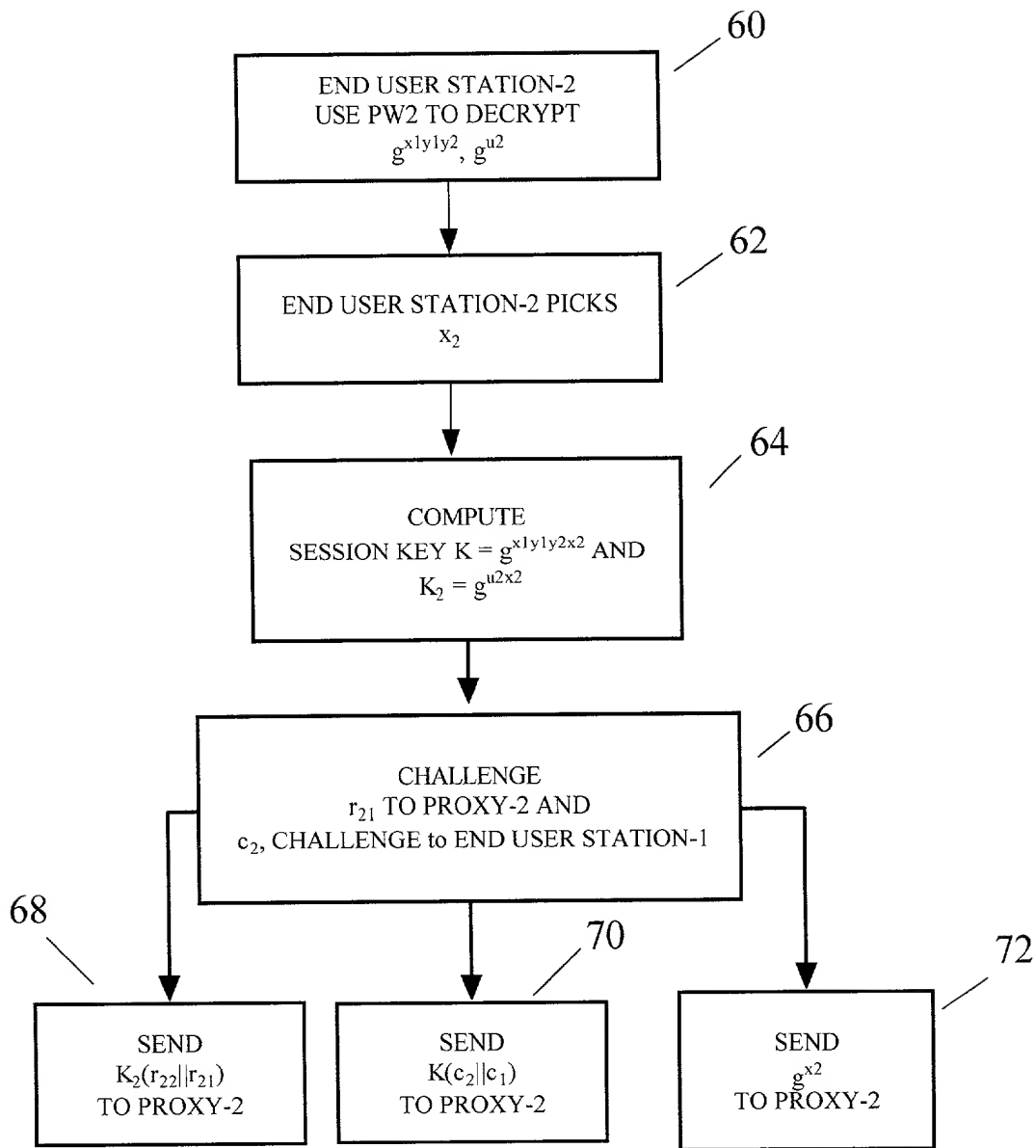


FIG 5

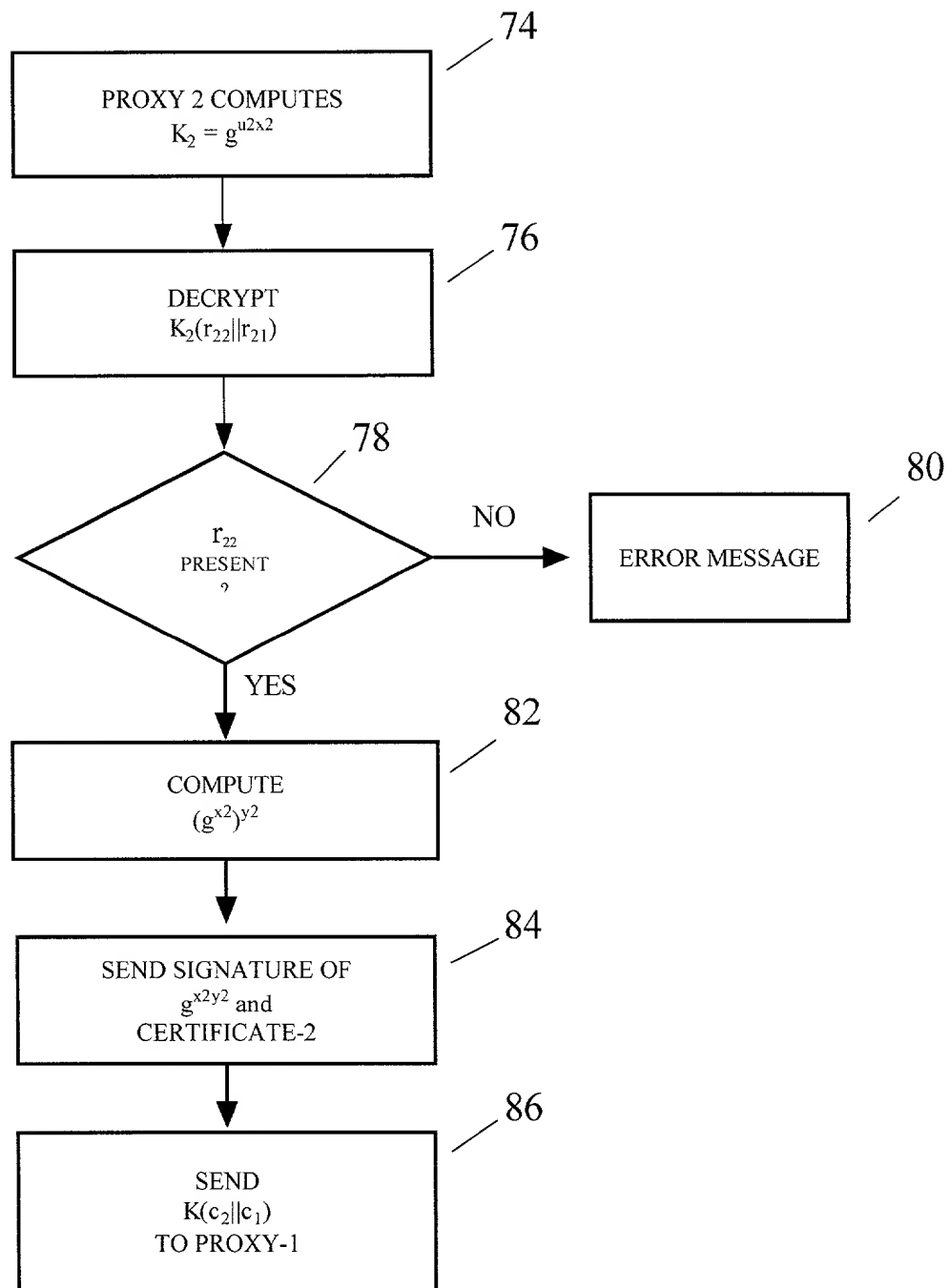


FIG 6

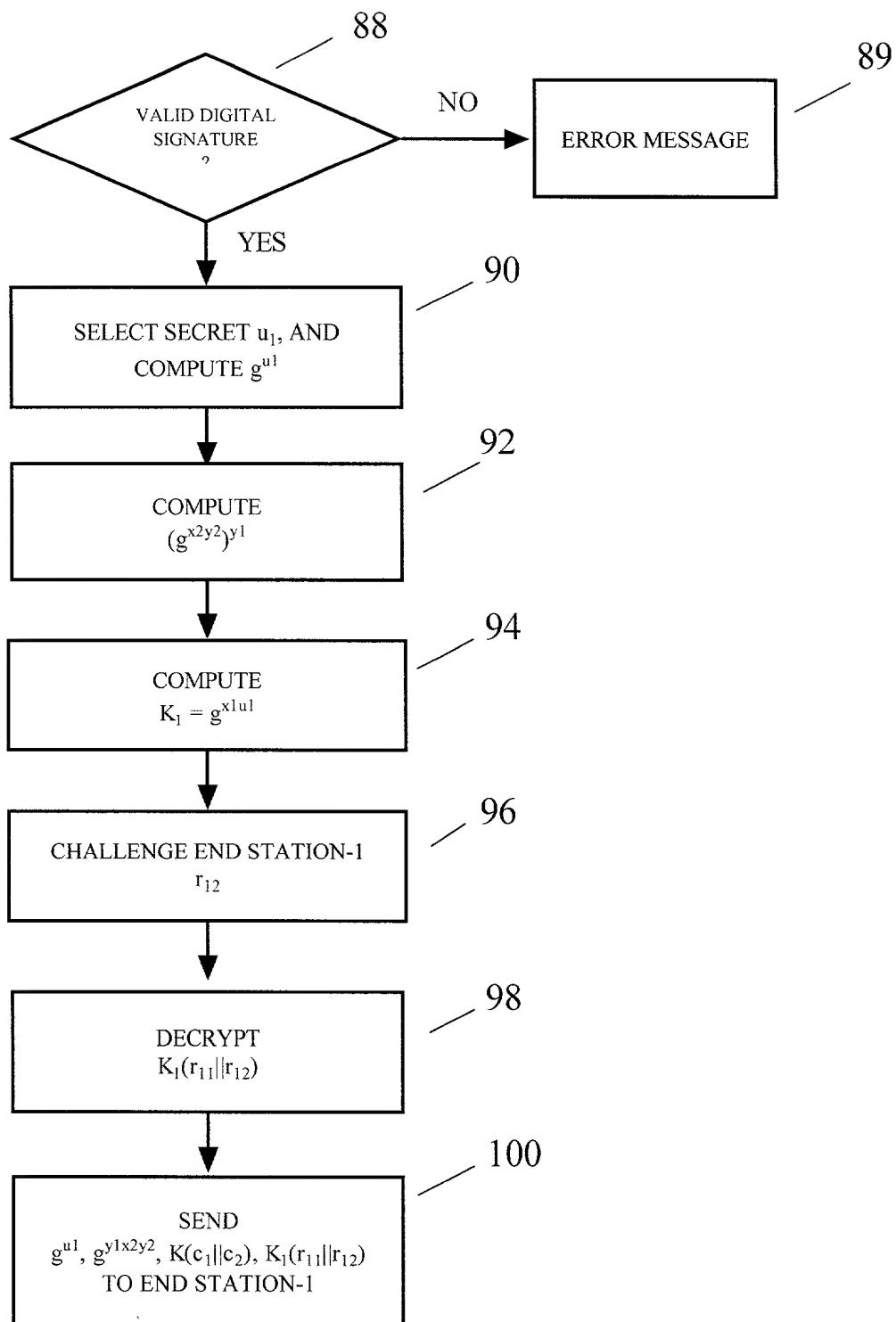


FIG 7

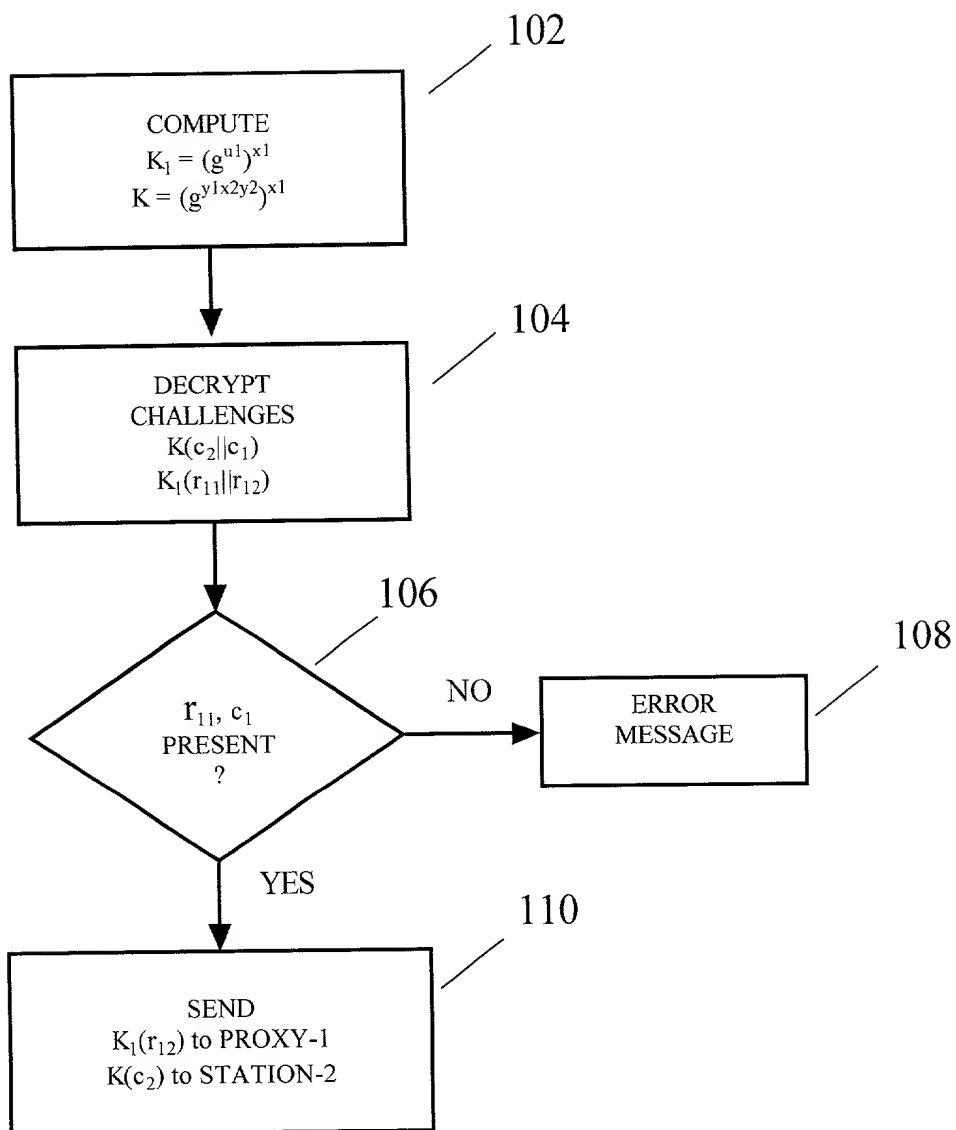


FIG 8



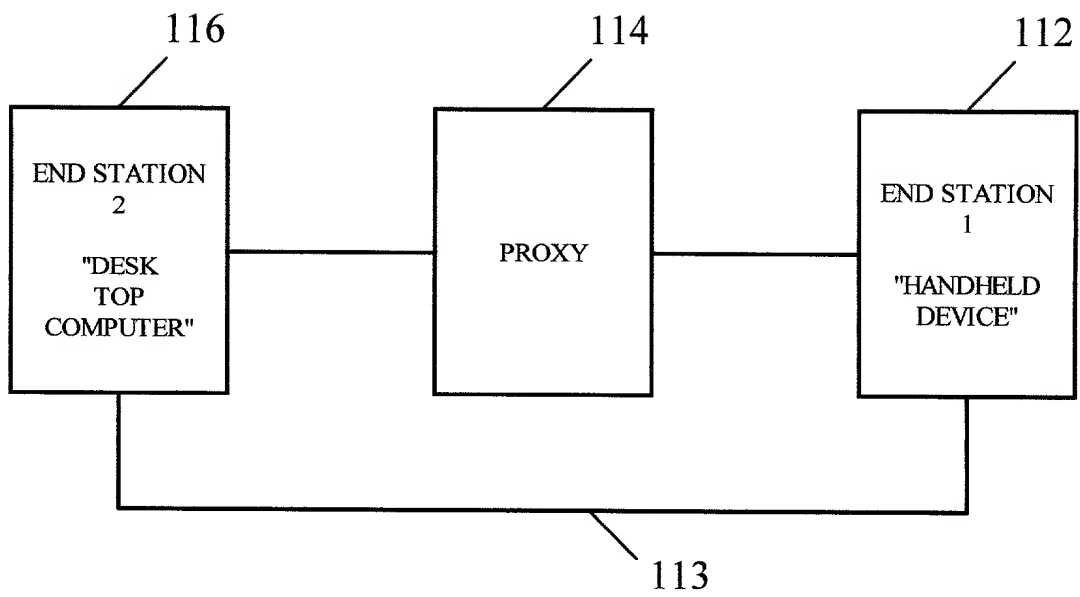


FIG 9

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graph TD
    118[HAND HELD DEVICE SELECTS  
 $x_1$  and  $g$ ] --> 120[CALCULATES  
 $g^{x_1}$ ]
    120 --> 122[ENCRYPTS  $g^{x_1}$  with PASSWORD  
 $PW_1$ ]
    122 --> 124[GENERATES CHALLENGE  $c_1$   
TO DESK TOP COMPUTER]
    124 --> 126[GENERATES CHALLENGE  $r_{11}$  TO PROXY]
    126 --> 128[TRANSFER  
 $PW_1(g^{x_1})$ ,  $c_1$ , and  $r_{11}$   
to PROXY]

```

FIG 10

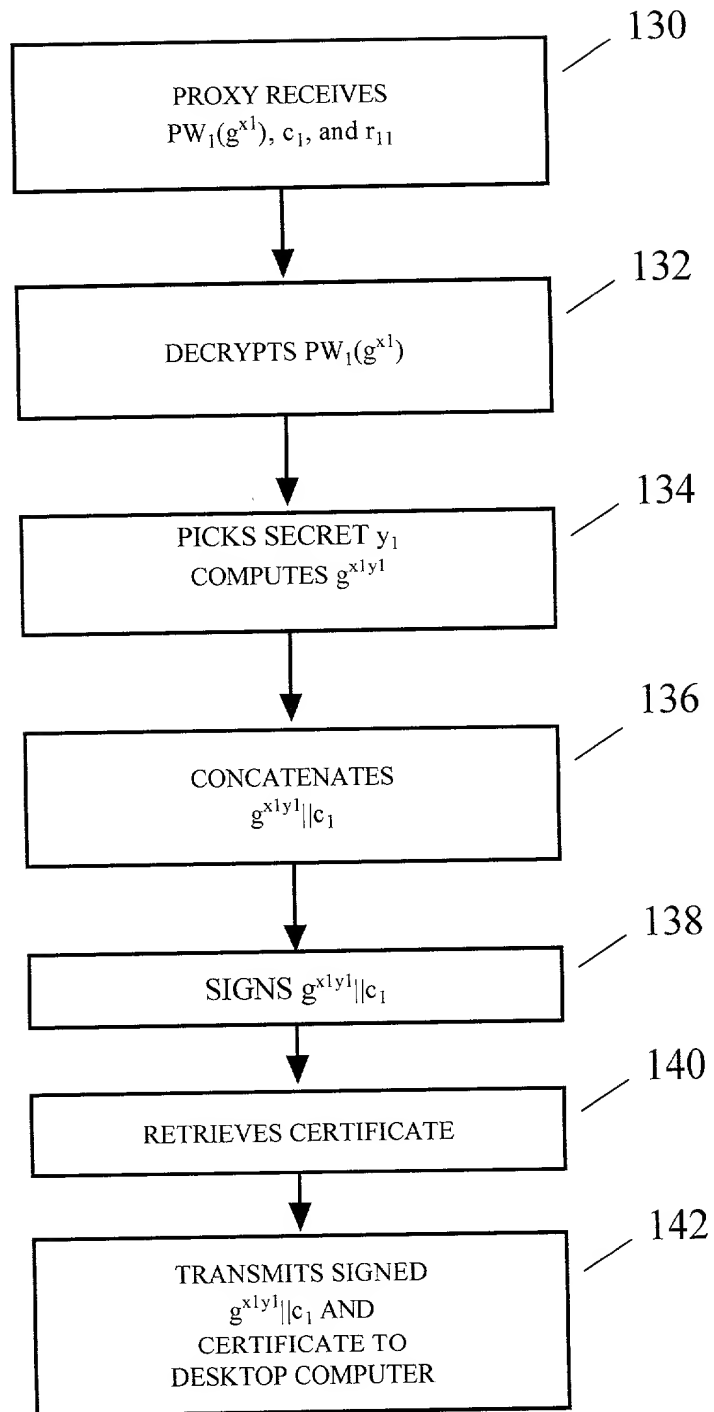


FIG 11

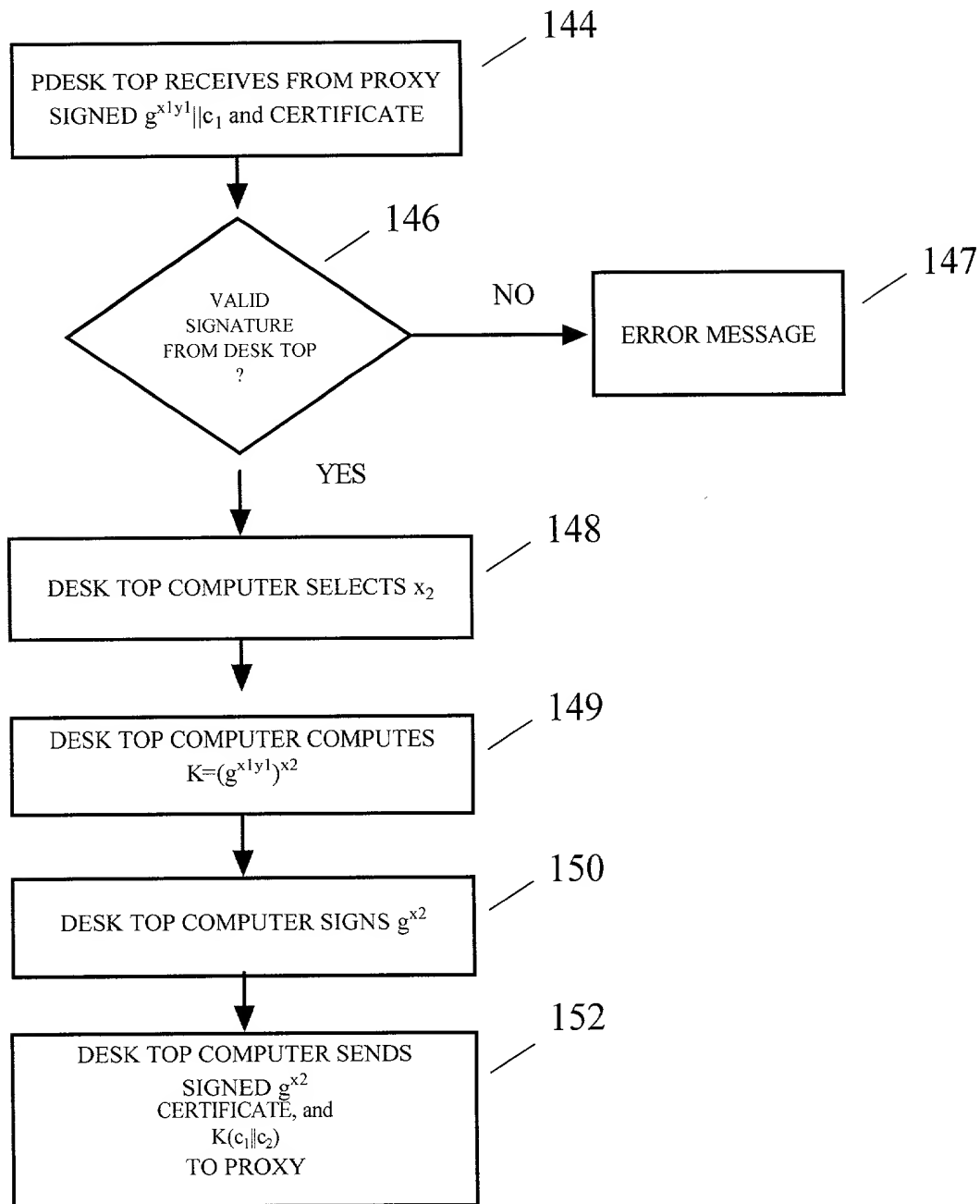


FIG 12

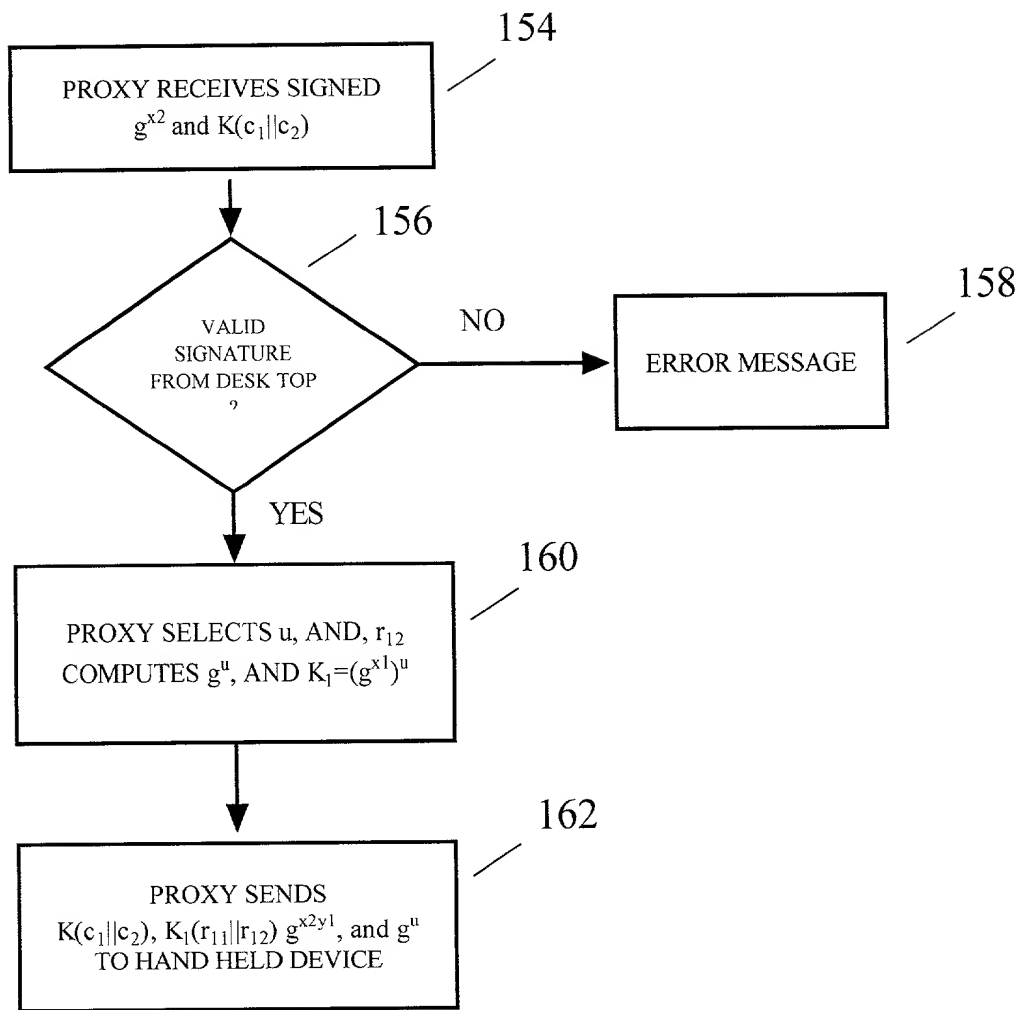


FIG 13

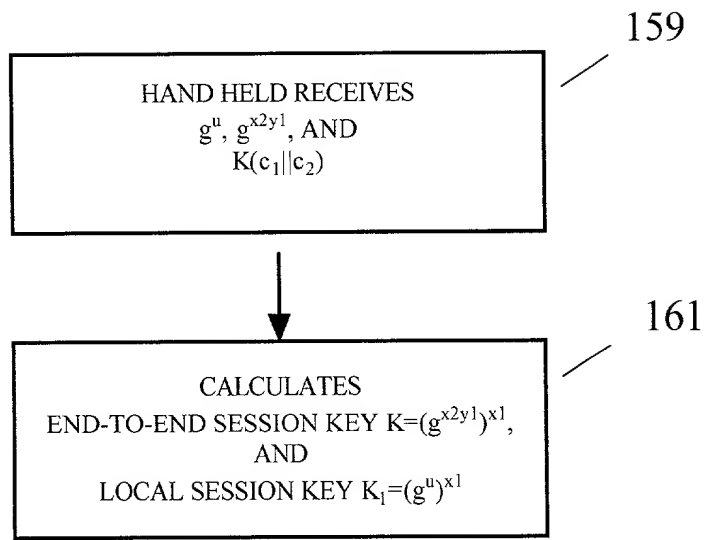


FIG 14

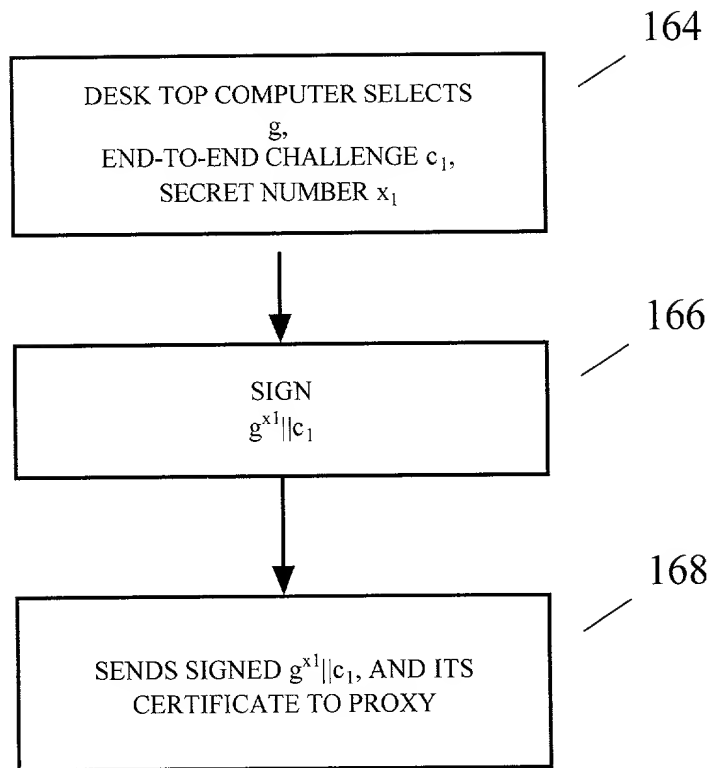


FIG 15

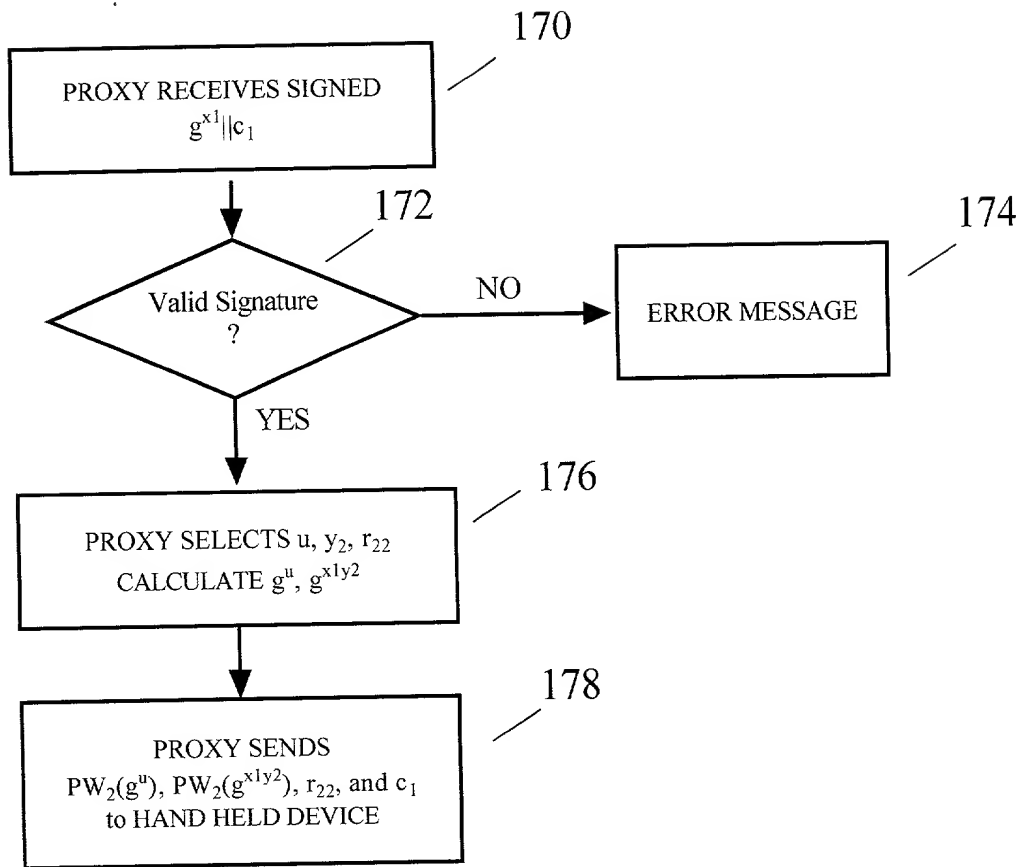


FIG 16



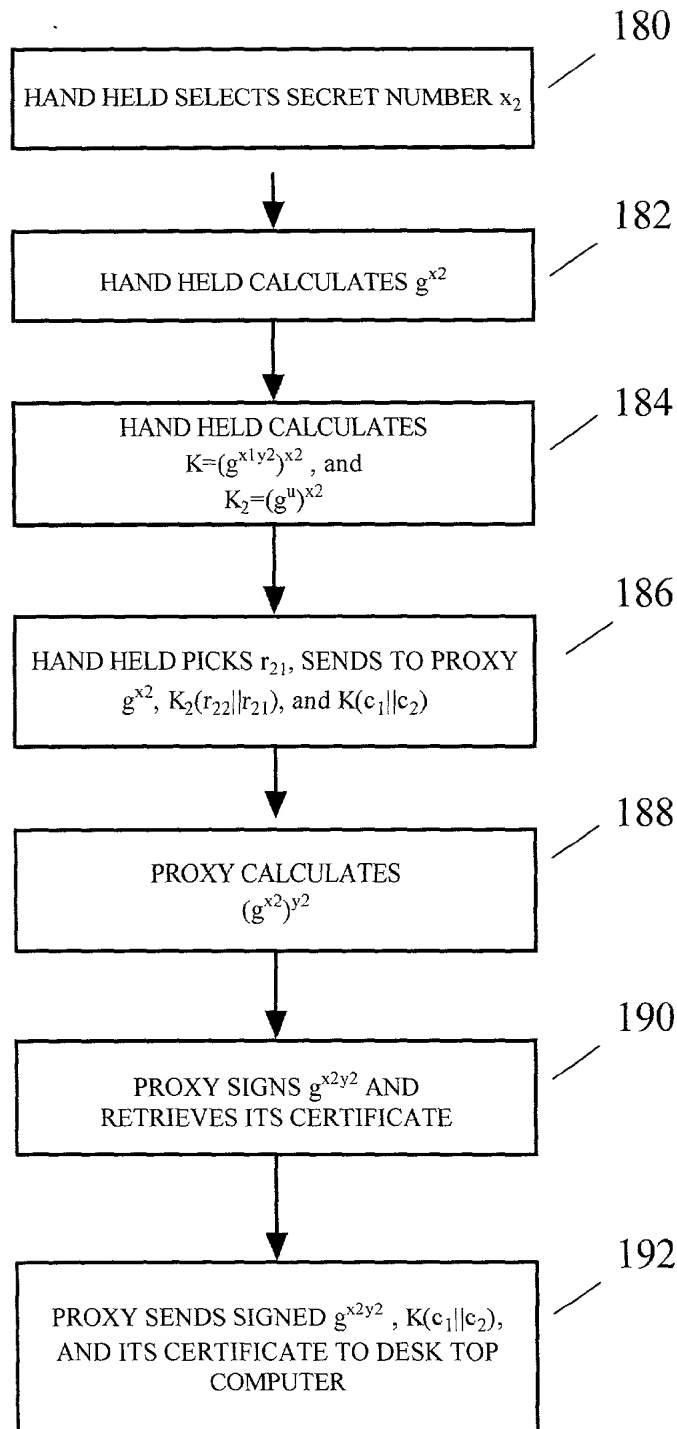


FIG 17

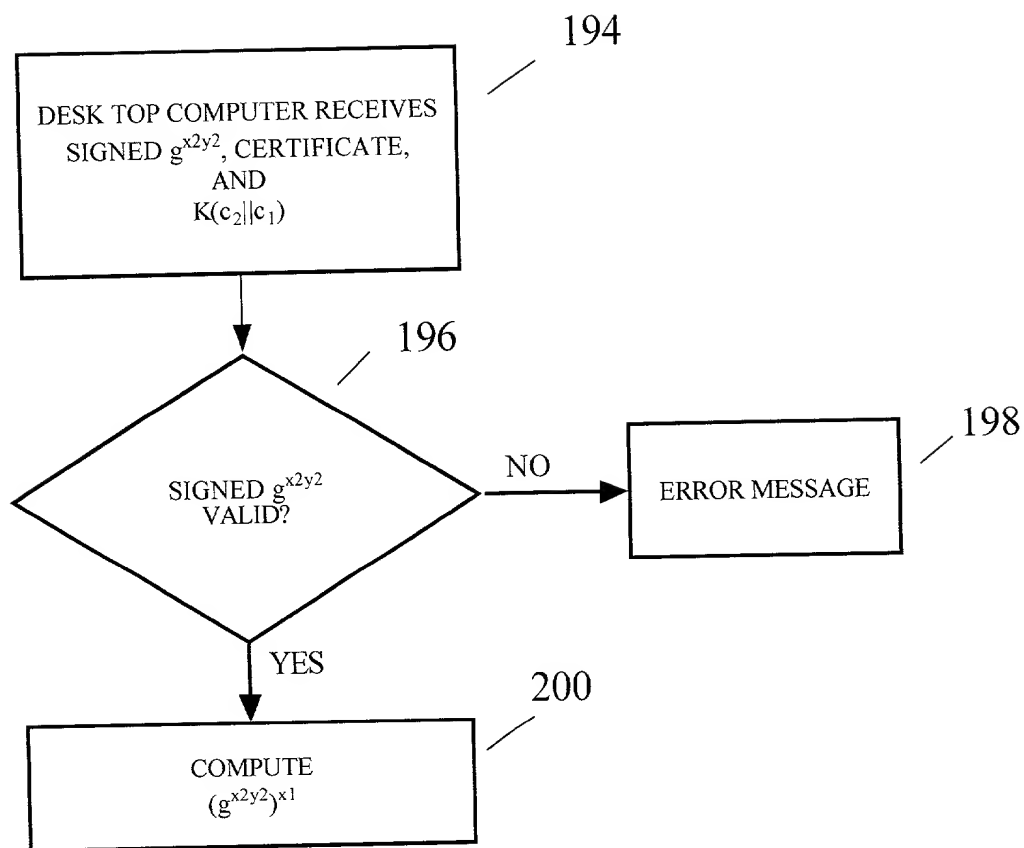


FIG 18